

Zug, December 8, 2020

Siemens, Hassan Allam Construction to build Egypt's new National Energy Control Center

- **Siemens and Hassan Allam Construction to build new control center located in Egypt's New Administrative Capital**
- **Customer is Egyptian Electricity Transmission Company**
- **Latest software to monitor, manage and control extra-high voltage transmission networks and power generation plants across the country**
- **Contract worth more than EUR 45 Mio.**

Egyptian Electricity Transmission Company has awarded a contract to the consortium consisting of Siemens Smart Infrastructure and Hassan Allam Construction to build the new National Energy Control Center in the New Administrative Capital of Egypt. The country's new power grid control center will deploy advanced software and equipment to monitor, manage and control extra-high voltage (220 kV and 500 kV) transmission networks and power generation stations across Egypt. The necessary technologies will be included in the new control center for future grid expansion while maintaining secure energy supply, including intermittent renewable energy sources and storage. The project is expected to be completed by the end of 2022.

Officials from Egyptian Electricity Transmission, Siemens and Hassan Allam Construction signed the contract, valued more than 45 million Euros, at a ceremony in Cairo on December 8th, 2020.

Sabine Erlinghagen CEO Digital Grid at Siemens Smart Infrastructure, stated: "A secure, efficient and reliable power supply is essential to our everyday life. This new control center will enable Egypt's power grid to tick these boxes today, but will also

adapt to future changes when incorporating new technology and energy sources. We are looking forward to supporting the Ministry of Electricity and Renewable Energy's vision to further digitalize the energy sector."

The new National Energy Control Center situated in the new Administrative Capital of Egypt, and the backup control center located in Giza, will run on Siemens Spectrum Power 7, the company's flagship control center platform for transmission management in energy networks. The high-performance platform comprises a wide range of applications for grid monitoring and supervisory control, load and wind or solar power generation forecasting, network analysis and optimization, cross-optimized thermal and hydro generation scheduling as well as generation dispatch and control.

"Our partnership with Siemens spans many decades, and we are confident that the company will provide solutions that will meet our current requirements as well as our future needs and growth expectations for the network," said Sabah Mashally, Chairwoman of Egyptian Electricity Transmission Company. "This project is another step toward a robust, smart and efficient electrical grid that is not only crucial to Egypt's economic development, but will also allow for faster implementation of renewable energy sources in the country."

This project further strengthens the close and successful cooperation between Egypt and Siemens to modernize the country's electricity sector, after the joint development of the master plan for the Egyptian transmission network and the outstanding implementation of Siemens Megaproject that added 14.4 gigawatts of power generation capacity to the network in record time.

"We are delighted to partner with Siemens to deliver this advanced control center that will ensure stable supply of energy across Egypt," said Hassan Allam, the Chairman of Hassan Allam Construction. "Our company has been operating in Egypt since 1936, and has contributed to many strategic engineering, construction and infrastructure projects that have fostered tremendous economic and societal development across the nation and we look forward to working with Ministry of Electricity and Renewable Energy towards achieving Egypt's vision 2030."

Egyptian Electricity Transmission Company currently operates a total of four control centers from Siemens to monitor and control the regional transmission networks of Cairo and Alexandria, in addition to the recently inaugurated Upper and Middle Egypt regional control centers. Additionally, two Siemens' control centers are in operation at the distribution networks of North and South Delta Electricity Distribution Companies.

The scope also includes the construction of a prestigious building in the new Administrative Capital of Egypt to host the new National Control Center, including electro-mechanical works and all-auxiliary services.

This press release and a press picture and further material is available at <https://sie.ag/2VQP4bp>

For further information on grid control, please see <https://new.siemens.com/global/en/products/energy/energy-automation-and-smart-grid/grid-control.html>

Contact for journalists

Siemens AG

Eva-Maria Baumann

Phone: +49 9131 17-36620; E-mail: eva-maria.baumann@siemens.com

Follow us on Twitter at: www.twitter.com/siemens_press

Hassan Allam Holding

Hoda Yehia

Corporate Communications and Investor Relations Director

Phone: +20-2-2265-9027; E-mail: hoda.yehia@hassanallam.com

Siemens Smart Infrastructure (SI) is shaping the market for intelligent, adaptive infrastructure for today and the future. It addresses the pressing challenges of urbanization and climate change by connecting energy systems, buildings and industries. SI provides customers with a comprehensive end-to-end portfolio from a single source – with products, systems, solutions and services from the point of power generation all the way to consumption. With

an increasingly digitalized ecosystem, it helps customers thrive and communities progress while contributing toward protecting the planet. SI creates environments that care. Siemens Smart Infrastructure has its global headquarters in Zug, Switzerland, and has around 72,000 employees worldwide.

Siemens AG (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for more than 170 years. Active around the world, the company focuses on intelligent infrastructure for buildings and distributed energy systems and on automation and digitalization in the process and manufacturing industries. Siemens brings together the digital and physical worlds to benefit customers and society. Through Mobility, a leading supplier of intelligent mobility solutions for rail and road transport, Siemens is helping to shape the world market for passenger and freight services. Via its majority stake in the publicly listed company Siemens Healthineers, Siemens is also a world-leading supplier of medical technology and digital health services. In addition, Siemens holds a minority stake in Siemens Energy, a global leader in the transmission and generation of electrical power that has been listed on the stock exchange since September 28, 2020.

In fiscal 2020, which ended on September 30, 2020, the Siemens Group generated revenue of €57.1 billion and net income of €4.2 billion. As of September 30, 2020, the company had around 293,000 employees worldwide. Further information is available on the Internet at www.siemens.com.

Hassan Allam Holding is a leading Egyptian engineering and construction group whose primary operations include infrastructure, power, industrial, petrochemical and complex large-scale building projects in Egypt and the MENA region. The founders of Hassan Allam Holding commenced operations in 1936, making the oldest construction franchise in the MENA region with a solid reputation, superior technical capabilities, and a diversified portfolio. With a legacy of identifying and investing in attractive infrastructure projects, in the past five years it has delivered over 70 projects and has a current backlog exceeding USD 5 billion. The group is named among the Engineering News-Record (ENR) list of the top 250 global contractors.

For more information, visit www.hassanallam.com